

# Tamilarasan P

Seeking a challenging career where I could utilize the best of my hard work and attained skills thereby contributing to the organizational goals and my career.

## EMPLOYMENT

2017 - Present

**GRADUATE APPRENTICE TRAINEE**– Titan Engineering & Automation Ltd

- + E-Plan Drafting and Circuit, Panel Layout
- + Material Selection and Testing
- + Machine Building, Automation Design Support, Panel Wiring

Projects

**DESIGN SUPPORT AND DRAFTING ELECTRICAL CIRCUITS**

- + Battery Wrapper Peel Off Automation, Ather Energy, Bangalore
- + Inner and Outer Belt Cutting Machine, Cooper Standard, Haryana
- + FSU & FDM Assembly Line, Continental Auto Components, Pune
- + S3M Latch and EOL, Inteva Products, Romania
- + Palletizing URS Automation, PepsiCo, Gujarat
- + RFID Tag Assembly Line, Syrma Technology, Chennai.
- + U625 HVAC Assembly Line, Valeo US,USA

## EDUCATION

2012 – 2016

**BACHELOR OF ENGINEERING** – Vidhya Mandhir Institute of Technology (AU).  
CGPA-6.7

2010 – 2012

**HIGHER SECONDARY SCHOOL**– Komarrappa Senguthar Hr, Sec.School  
Percentage-71.5 %

2010 – 2012

**SECONDARY SCHOOL** – Komarrappa Senguthar Hr, Sec.School  
Percentage-79.5 %

## ACADAMIC PROJECTS

2015– 2016

**Hybrid Modulation Scheme for a High Frequency Ac-Link Inverter.**

**Description:** This paper describes a hybrid modulation scheme for a HFACL, for a removal of DC link filter evident conventional DC link inverters placed after the ac / pulsating dc converter. Its purposes r educing switching losses, current stress and also increasing efficiency and offered uniqueness operations.

2014-2015

**Optimal Power Flow in Micro grids with Energy Storage Using Matlab**

**Description:** This paper describes energy storage may improve power management in micro grids that include renewable energy sources. For improving power flow adding a PV module storage in-between micro grid. Stored energy is controlled to balance power generation of renewable sources to optimize overall power consumptions at the micro grid point of common coupling. Such a storage devices limits, current, voltage and power, avoid internal losses.

**SUMMARY OF SKILLS**

- + Experience in household, industrial ,Sourcing and Sinking Type of wiring
- + Knowledge of ports and protocols
- + Excellent critical thinking and problem solving skills
- + In depth understanding of electrical safety procedures and Codes.
- + Knowledge in Servo Drives and Motor, power and control Circuit
- + Actuators and Controlling Process
- + Knowledge in Light Curtain and Safety Procedure and Pneumatics.

**TECHNICAL CERTIFICATION**

- + Completed the certificate course on “**Certified in Industrial Automation and Controls Professional (CIACP)**” in Technologies, Bangalore.
- + Completed the certificate course on” **Field Technician UPS and inverter in National Skill Development Corporation (NSDC)**”, Perundurai.

**PLC**

- + Worked on PLC of Omron (CP1E-E20 DRA), Delta (DVP 14 SS 11 R2), ABB (AC500 PM554-T),AB(Micrologix-1400),Schneider(TM218LDA24DRN),Siemens(StationS7-300),Honey well(ML-50 MLM-XBMS)
- + Logic Development on RS logic Pro software
- + Logic Development on Step-7 Simatic Manager
- + Logic Development on CoDeSys
- + Logic Development on SO MACHINE V3.1
- + PLC Basic Hardware Components
- + Digital Input & Output mapping
- + Analog input & Output mapping
- + Basic I/O Control within Ladder & FBD

**SCADA**

- + Screen Designing on Wonder Ware In touch, King view, I-Fix, Win CC.
- + Creating Trends For Data Study
- + Creating Data Logging Files
- + Creating Recipe Manager
- + Establishing Communication With PLC

## HMI & DCS

- + Screen Designing on Delta
- + Establishing Communication with PLC
- + Creating Data logging Files
- + Siemens PCS 7

## PRE-INDUSTRIES EXPERIENCE

- + Under gone 5 days in plant training in 110 / 11 KV substation, Avinashi, Tirupur.
- + Participate and present paper on "Smart Grid System "at National level technical Symposium.
- + Attended one day workshop on "Programmable Logic Controller "at Southern Automation.

## ACHIEVEMENTS & SOFTSKILLS

- + Won 1st Prize "Best Manager "at Hindustan institute of Technology, Coimbatore.
- + E-PLAN, Auto CAD,E-TAB and PLC Software's

## PROFILE

Date of Birth

**10-JUN-1995**

Gender

**MALE**

Language known

**ENGLISH & TAMIL**

Address

**7 / 114, SENGAL SOOLAI KADU, THOPPUPALAYAM  
CHENNIMALAI, TAMIL NADU -638051**

## DECLARATION

I hereby declare that all the above furnished details are true to the best of my Knowledge

Sincerely,

**TAMILARASN P**

Place

Date